

## Plan of Study- Computer Graphics Technology

Department of Computer Graphics Technology

Purdue University

### BACHELOR OF SCIENCE DEGREE - COMPUTER GRAPHICS TECHNOLOGY

Semester 1	CR	GR	Semester 2	CR	GR	Semester 3	CR	GR	Semester 4	CR	GR
CGT 111* Design for Vis & Com	3		CGT 116* Geo Model for Vis & Com	3		CGT 211 Raster Imaging for CG	3		CGT 216 Vector Imaging for CG	3	
CGT 112* Sketching for Vis & Com	3		CGT 141* Internet Fdtn Dev & Tech	3		CGT 215 CG Programming I	3		CGT Selective	3	
CGT 101* Intro To CGT	3		COM 114* Speech Communication	3		PHYS 218 General Physics	4		Science Selective	3	
English Selective*	3		PSY 120* Elementary Psychology	3		Globalization & Ethics Selective	3		ECON 210 Principles of Econ	3	
MA 159* Precalculus	5		MA 221* Calculus for Tech I	3		Liberal Arts Elective	3		Elective	3	
<b>Total</b>	17		<b>Total</b>	15		<b>Total</b>	16		<b>Total</b>	15	

Semester 5	CR	GR	Semester 6	CR	GR	Semester 7	CR	GR	Semester 8	CR	GR
CGT Selective	3		CGT Selective (300-level or higher)	3		CGT 450 Professional Practices	3		CGT Selective (400-level or higher)	3	
CGT Selective	3		Elective	3		Elective	3		Technical Elective	3	
Technical Elective	3		Liberal Arts Elective	3		CGT 411 Contemp Prob In CGT	3		Liberal Arts Elective	3	
English Selective	3		Statistics Elective	3		MGMT 455 Leg Backgrd For Bus I	3		Management Elective	3	
Communication Selective	3		OBHR 300 Mgmt of Human Res	3		Technical Elective	3		Elective	3	
<b>Total</b>	15		<b>Total</b>	15		<b>Total</b>	15		<b>Total</b>	15	

#### Notes:

1. \* = Courses in Freshman GAI
2. A minimum grade of "C" is required in all prerequisite CGT courses.
3. A minimum grade of "C" is required in all CGT courses used to complete the A.S. degree and the B.S. degree.
4. Students may not repeat the same CGT course more than once if they received a grade (including a WF and IF) unless they get prior approval from a faculty committee.
5. Students are limited to repeating only 4 of the following courses -- CGT 101, 111, 112, 116, 141, 211, and 216.
6. It is the responsibility of each student to assure that he/she schedules the necessary prerequisites and courses to meet graduation requirements.
7. Each student must have 32 credit hours of 300- or 400-level courses for graduation.

#### Definitions:

##### *CGT Selective:*

See CGT Selective List (on back)

##### *Communication Selective:*

COM 312, 314, 315, 318, 320, 330, or 415

##### *English Selective:*

ENGL 101, 106, or 108 (select 1) and  
ENGL 205, 419, 420 or 421 (select 1)

##### *Globalization and Ethics Selective:*

See Global and Ethics Selective List (on back)

##### *Liberal Arts Elective:*

Any course with one of these prefixes: AD,  
ANTH, COM, ENGL, FLL, HIST, IDIS,  
MUS, PHIL, POL, PSY, SOC, or THTR

##### *Management Elective:*

Any course in Organizational Leadership  
or Management

##### *Science Elective:*

See Science Selective List (on back)

##### *Statistics Selective:*

STAT 225, 301, Psy 201 or IT 342

##### *Technology Elective:*

Any course from Engineering, Technology,  
Science, or Management

## *CGT Selective Courses*

### **Virtual Product Integration**

CGT 226  
 CGT 323  
 CGT 326  
 CGT 423  
 CGT 426  
 CGT 241  
 MET 143  
 MET 144  
 MET 242  
 MET 212  
 MET 451 (IE 477)

### **Construction Graphics**

CGT 262  
 CGT 360  
 CGT 362  
 CGT 460  
 CGT 241  
 CGT 340  
 BCM 130  
 BCM 230  
 BCM 275  
 BCM 285

### **Computer Animation**

CGT 241  
 CGT 340  
 CGT 341  
 CGT 442  
 CGT 346  
 CGT 446  
 A&D sketching and photography  
 THTR 133  
 THTR 260  
 THTR 263

### **Interactive Multimedia & Design**

CGT 245  
 CGT 256  
 CGT 308  
 CGT 346  
 CGT 446  
 A&D design, sketching, and photography  
**Web Design**  
 CGT 256  
 CGT 346  
 CGT 353  
 CGT 356  
 CGT 451  
 CGT 456  
 A&D design, sketching, and photography

## *Science Selective Courses*

ASTR 263	CHM 111	CS 158	EAS 100	ENTM 105	MA 166	PHYS 152
ASTR 264	CHM 112	CS 159	EAS 104	ENTM 206 + ENTM 207	MA 170	PHYS 162
	CHM 115	CS 180	EAS 102	ENTM 218	MA 173	PHYS 163
BIOL 110	CHM 116	CS 182	EAS 105		MA 174	PHYS 219
BIOL 111	CHM 123	CS 240	EAS 109	FNR 103	MA 181	PHYS 221
BIOL 121	CHM 124	CS 250	EAS 111	FNR 240	MA 182	PHYS 241
BIOL 131	CHM 255	CS 251	EAS 112		MA 222	PHYS 251
BIOL 205	CHM 256		EAS 113		MA 224	PHYS 261
BIOL 206			EAS 115		MA 261	PHYS 280
BIOL 221			EAS 116		MA 262	
			EAS 120		MA 265	STAT 224
			EAS 138		MA 266	STAT 311
			EAS 171			STAT 350
			EAS 221			

## *Globalization and Ethics Selective Courses*

AGEC 250	COM 224	FNR 488	OLS 284	PHIL 111	POL 120	SOC 220
AGEC 340	COM 303			PHIL 225	POL 130	SOC 310
	COM 328	IDIS 280		PHIL 260	POL 222	SOC 312
ANTH 205	COM 351	IDIS 380				SOC 341
ANTH 230	COM 376					